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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Docket No. 5634.121

Inventors: John C. Harvey and James W.
Cuddihy

Serial No.: 08/447,496

Filing Date: May 23, 1995

For: Signal Processing Apparatus and
Methods

Group Art Unit: 2602/348

Examiner:

Assistant Commissioner for Patents
Washington D.C. 20231SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached Form PTO-1449 were submitted to the PTO in co-pending U.S. Patent Application Serial No. 08/448,143, filed 23 May 1995. Therefore, no copies of the listed references are provided herewith.

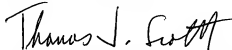
ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: April 4, 1996

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Sheet 1 of 34

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U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
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	2,619,530	11/25/52	Roschke	178/5.1	
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Sheet 2 of 34

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*- If pertinent

***. Claims priority from parent application filed prior to Sep. 11, 1987.

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Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
	WO 85/03604	8/15/85	PCT Application	H03K 3/84		X
	0 132 007	1/23/85	European Patent Office	H04N 7/16		X
	2 033 699	5/21/80	Great Britain	H04L 1/10, 1/40		X
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Sheet 5 of 34

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Sheet 8 of 34

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Sheet 9 of 34

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Sheet 14 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 15 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
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Sheet 16 of 34

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	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 17 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
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Sheet 18 of 34

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	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 19 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
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Sheet 20 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 21 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 22 of 34

Supplemental Information Disclosure Statement by Applicant Title: Signal Processing Apparatus and Methods	Attorney Docket No. 5634.121	Serial No. 08/447,496
	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
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Sheet 23 of 34

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	Applicant(s) John C. Harvey and James W. Cuddihy	
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Sheet 24 of 34

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	Applicant(s) John C. Harvey and James W. Cuddihy	
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	Applicant(s) John C. Harvey <i>and</i> James W. Cuddihy	
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Sheet 26 of 34

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Sheet 27 of 34

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	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date May 23, 1995	Group 2602/348

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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Sheet 28 of 34

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Sheet 29 of 34

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Sheet 30 of 34

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Sheet 31 of 34

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED PATENTS

GROUP 260

In re Application of :
John C. Harvey and James W. Cuddihy : Examiner:
Serial No. 08/447,496 : Group Unit: 2602
Filed 23-May-95 : Atty Dkt: 5634.121
For **SIGNAL PROCESSING APPARATUS AND METHODS**

COPENDING RELATED U.S. PATENT APPLICATIONS

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Listed below are copending U.S. patent applications related to this application.

<u>Application No.</u>	<u>Filing Date</u>	<u>Atty. Dkt.</u>
08/113,329	30-Aug-93	5634.008
08/397,371	2-March-95	5634.017
08/397,582	2-March-95	5634.010
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08/435,757	9-May-95	5634.036
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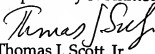
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REMARKS

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a), Applicants herewith submit a reference to all related copending U.S. Patent Applications now pending before the U.S. Patent and Trademark Office.

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